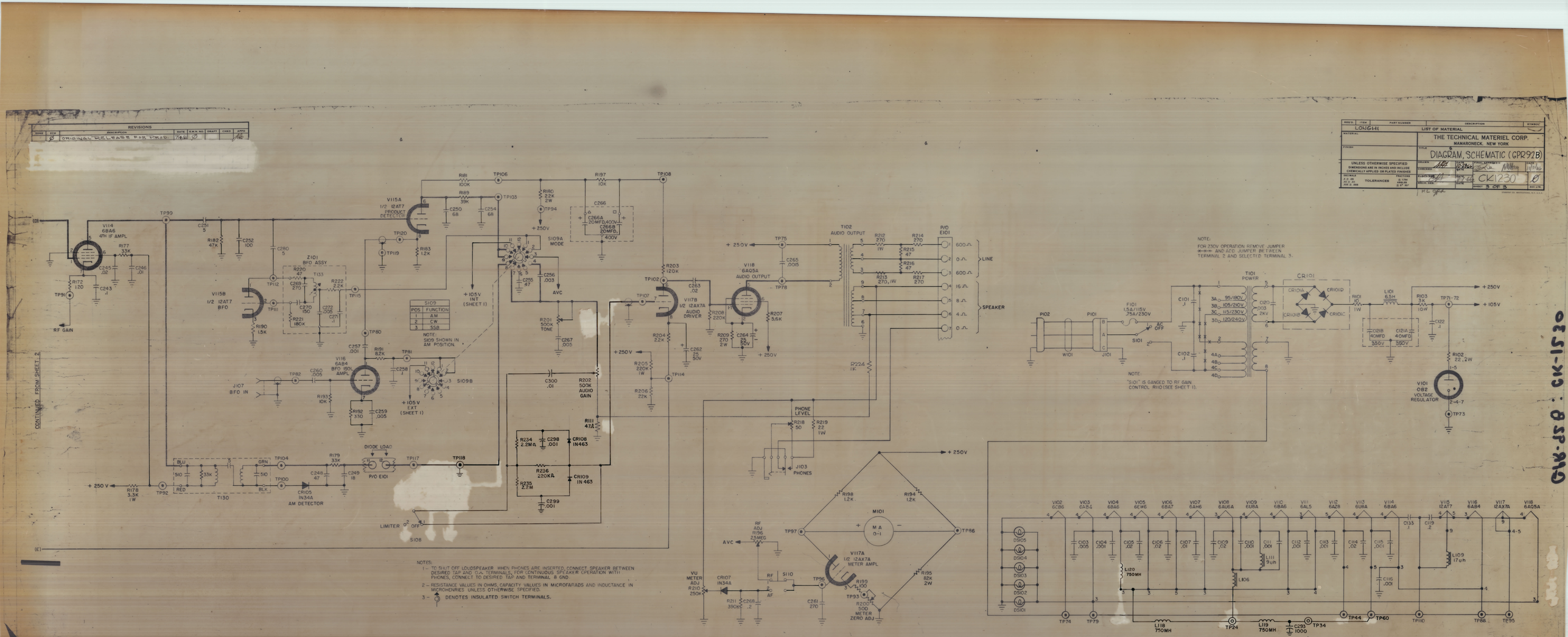
REVISIONS
ZONE
SYM
DESCRIPTION
DATE
E.M.N. NO.
DRAFT
CHKD
APPD
Ø
ORIGINAL RELEASE FOR PROD.
LONGHI
LIST OF MATERIAL
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
DIAGRAM, SCHEMATIC (GPR92B)
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
TOLERANCES
CK1230
SHEET 3 OF 3
CONTINUED FROM SHEET 2
V114 6BA6 4TH IF AMPL
V115A 1/2 12AT7 PRODUCT DETECTOR
V115B 1/2 12AT7 BFO
Z101 BFO ASSY
V116 6AB4 BFO ISOL AMPL
S109A MODE
S109B
S109
POS FUNCTION
1 AM
2 CW
3 SSB
NOTE: S109 SHOWN IN AM POSITION.
J107 BFO IN
+105V INT (SHEET 1)
+105V EXT (SHEET 1)
AVC
R201 500K TONE
R202 500K AUDIO GAIN
R111 47Ω
DIODE LOAD
P/O E101
CR105 IN34A AM DETECTOR
T130
LIMITER
S108
R234 2.2MΩ
R235 2.2M
R236 220KΩ
C298 .001
C299 .001
CR108 IN463
CR109 IN463
V117B 1/2 12AX7A AUDIO DRIVER
V118 6AQ5A AUDIO OUTPUT
T102 AUDIO OUTPUT
P/O E101
LINE
SPEAKER
PHONE LEVEL
J103 PHONES
M101
MA 0-1
V117A 1/2 12AX7A METER AMPL
R200 500 METER ZERO ADJ
VU METER ADJ
RF ADJ R196 25MEG
CR107 IN34A
NOTE: FOR 230V OPERATION REMOVE JUMPER AND ADD JUMPER BETWEEN TERMINAL 2 AND SELECTED TERMINAL 3.
NOTE: "S101" IS GANGED TO RF GAIN CONTROL R110 (SEE SHEET 1).
T101 POWER
CR101
F101 1.5A/115V .75A/230V
V101 OB2 VOLTAGE REGULATOR
+250V
+105V
NOTES:
1 – TO SHUT OFF LOUDSPEAKER WHEN PHONES ARE INSERTED, CONNECT SPEAKER BETWEEN DESIRED TAP AND 0Ω TERMINALS, FOR CONTINUOUS SPEAKER OPERATION WITH PHONES, CONNECT TO DESIRED TAP AND TERMINAL 8 GND.
2 – RESISTANCE VALUES IN OHMS, CAPACITY VALUES IN MICROFARADS AND INDUCTANCE IN MICROHENRIES UNLESS OTHERWISE SPECIFIED.
3 – DENOTES INSULATED SWITCH TERMINALS.
CK-1530